

Houston Pilots Forecast Package



Updated: 5:00 AM CT

Wednesday, June 21, 2023

Forecaster: Vince Bryan

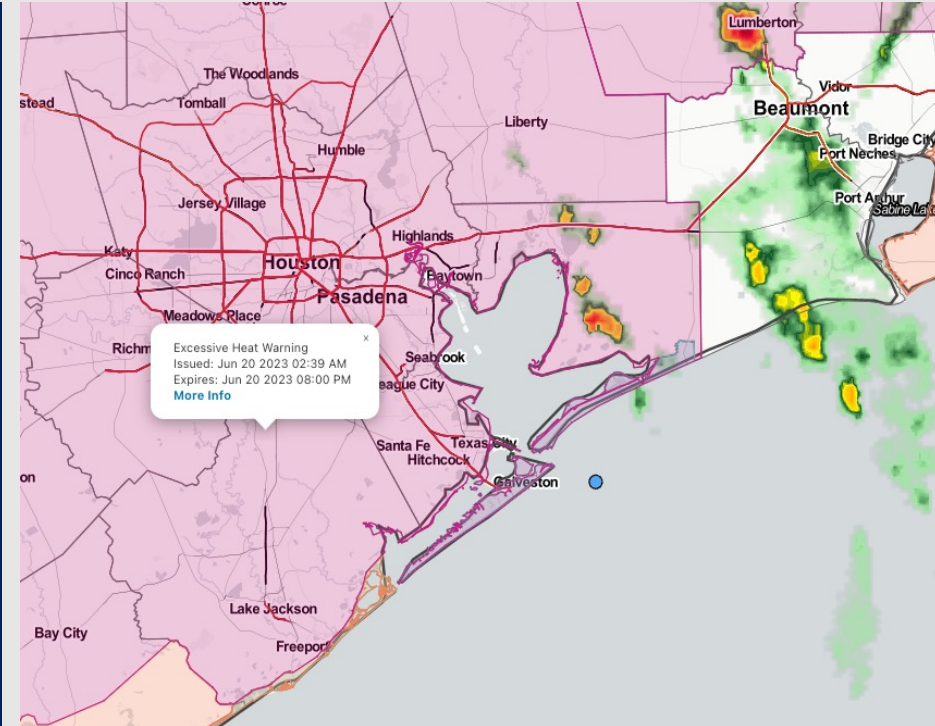
Weather Headlines

➤ While exact details will need refined, there is a risk for a storm cluster bringing gusty winds to the area early THU AM. More details on Thursday's slide.

➤ Winds are anticipated to stay slightly elevated over the next few days, with gustier conditions S of Morgan's Point. **More details on wind in the slides below.**

➤ Excessive heat concerns (90+ F) to continue throughout this week.

➤ No active tropical threats to SE TX at this time.



Radar/NWS Alerts: 5:00 AM CT



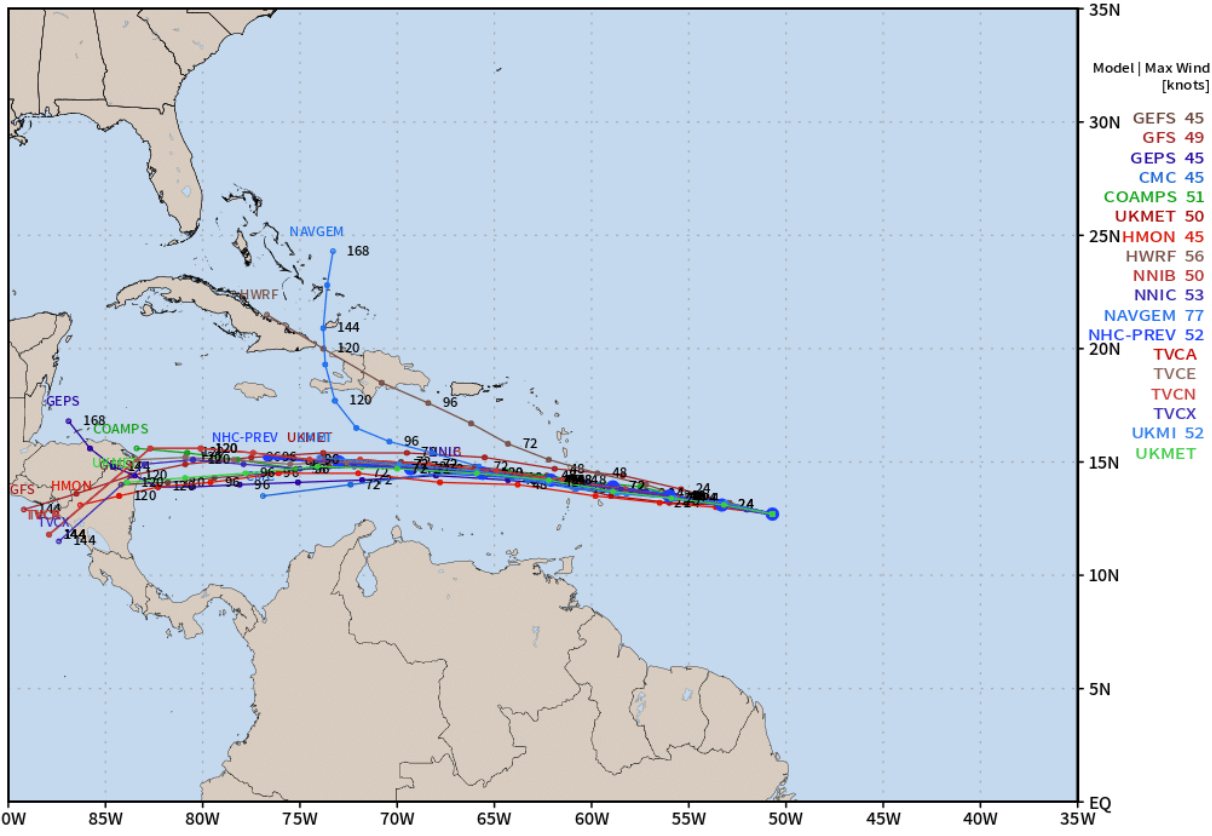
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Tropical Update



Tropical Storm Bret Tracks Next 7 Days

AL03 BRET Guidance valid: 2023062106



Note: This map includes raw model data from 6 or 12 hours prior. Consult NHC Official Forecasts. Model guidance only expert interpretation required. Source: <https://weathermodels.com>

No tropical activity anticipated over the next 10 days for SE TX.

It is worth keeping tabs on Bret given how far South in the Atlantic it formed. Continuing to favor a southerly track heading into Central America in 5-7 days.

For now this is not a concern for SE TX, but certainly watching trends over the next few days for any potential concerns for early July.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm
610 Bridge	10	9	6	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	7	8	8	10	10	10
Kinder 1	10	9	6	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	7	8	9	10	10	10
Greens Bayou	10	9	6	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	8	8	8	10	10	10	10
Shell Crude	10	9	6	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	10	10	10	10	10
Lynchburg Ferries	10	9	6	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	10	10	10	10	10
Exxon 3	10	9	6	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	10	10	10	10	10
Morgans Point	10	9	7	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	10	10	10	10	10
75/76	10	9	7	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	10	10	10	10	10
63/64	10	9	7	4	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	10	10	10	10	10
51/52	10	9	8	4	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	10	10	10	10	10	10
37/38	10	7	9	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	10	10	10	10	10	10
25/26	10	7	9	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	8	8	10	10	10	10	10	10
11/12	10	6	9	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	8	8	10	10	10	10	10	10
1 & 2 Bravo	9	6	8	4	6	10	9	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	9	9	8	8	9	8	10	10	10	10	10	10	10

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Houston Pilots Wind Chart



Forecast Confidence

Above Normal Below Normal

Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm			
610 Bridge	4	4	3	3	3	4	4	4	3	3	4	6	6	7	8	8	8	7	6	6	5	4	4	4	3	3	3	3	3	3	4	5	5	5	6	6	7	8
	7	6	6	5	5	5	5	5	5	4	5	8	9	10	11	12	12	11	10	9	8	8	7	6	6	5	5	5	5	5	6	6	7	7	8	8		
	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SE	ESE	ESE	SE	SE	SSE	SSE	S	S	SSW	SW	WSW	S	SE	SSE	SE	SSE	ESE	SE	ESE	E	ESE	SSE	SE	ESE			
Kinder 1	4	3	3	3	3	3	4	4	3	3	4	6	7	8	8	8	8	7	6	6	5	4	4	3	3	3	3	3	3	4	5	5	5	6	6	7	8	
	7	6	6	5	6	5	6	5	5	4	6	8	9	10	11	12	12	11	10	9	8	8	7	6	6	5	5	5	5	6	6	7	7	8	8			
	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SE	ESE	SE	SE	SSE	SSE	SSE	S	S	SSW	SW	W	SSE	SSE	SSE	SE	SSE	ESE	SE	ESE	E	ESE	SSE	SE	ESE			
Greens Bayou	4	3	3	3	3	3	4	3	3	3	5	6	7	8	9	8	8	7	6	5	5	4	4	3	3	3	3	3	4	5	5	6	6	7	7	8		
	6	6	5	5	6	5	6	5	5	5	6	8	9	10	11	12	12	11	9	8	8	8	7	6	6	5	5	5	6	6	7	7	8	8	9			
	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSE	SE	SE	SE	SE	SSE	SSE	SSE	S	S	SSW	SW	W	SSE	SSE	SE	SSE	SSE	ESE	SE	ESE	ESE	SSE	SE	ESE				
Shell Crude	4	4	4	3	4	4	4	4	4	4	6	7	7	8	9	8	8	7	6	5	5	5	4	4	3	3	3	4	4	4	5	5	6	6	7	7		
	7	6	6	5	6	5	6	5	5	5	7	8	9	10	11	11	10	9	8	8	8	7	6	6	5	5	6	6	7	7	8	8	9	9	10			
	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSE	SE	SE	SE	SE	SSE	SSE	SSE	S	S	SSW	SW	WNW	SSE	SSE	SE	SSE	SSE	E	SE	ESE	ESE	ESE	SSE	ESE				
Lynchburg Ferries	5	4	4	4	4	4	4	4	4	4	6	7	8	9	9	9	8	7	7	6	5	6	5	4	4	4	4	4	4	5	6	6	7	7	8			
	7	6	6	5	6	5	5	5	5	5	7	9	10	11	11	12	12	11	9	8	8	8	7	6	6	5	5	6	6	7	7	8	8	9	9			
	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSE	SE	SE	SE	SE	SSE	SSE	SSE	S	S	SSW	SW	W	S	SSE	SE	SSE	SSE	E	SE	SE	ESE	ESE	SE	ESE				
Exxon 3	5	5	4	4	4	4	4	4	4	5	7	8	8	9	10	10	9	8	7	6	6	6	5	4	4	4	4	4	4	5	6	6	7	7	8			
	7	7	6	6	6	6	5	5	5	6	7	9	10	11	12	13	12	11	9	8	8	8	7	6	6	5	6	6	6	7	7	8	8	9	9			
	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	S	S	SSW	SW	W	SSW	S	SSE	SSE	S	ENE	SE	SE	SE	SE	SE	ESE				
Morgans Point	6	6	5	5	5	5	4	4	4	5	6	8	9	10	11	11	10	9	8	7	7	6	5	5	5	5	5	5	6	6	7	7	8	8	9			
	8	8	7	6	6	6	6	6	6	7	9	10	11	13	13	14	13	12	10	9	9	9	7	6	6	6	6	7	6	6	7	7	8	8	9			
	S	SSW	SSW	SSW	SSW	SSW	SSW	S	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	SSW	SW	W	WSW	SSW	SSE	S	E	SE	SE	SE	ESE	SE	ESE					
75/76	8	8	7	6	6	6	5	5	6	7	9	11	11	13	13	13	13	12	10	8	8	9	7	6	6	6	6	6	7	7	7	7	8	8	9			
	9	9	8	7	7	7	6	7	7	9	10	12	12	14	14	15	14	13	11	9	9	10	8	7	7	6	7	7	7	7	7	7	8	8	9			
	S	SSW	SSW	SSW	SSW	SSW	SW	SSW	S	SSE	SE	SE	SSE	SSE	SSE	SSE	S	S	S	SSW	SW	W	WSW	SSW	SSE	S	SSE	SSE	SE	ESE	ESE	SE	ESE					
63/64	8	8	7	7	7	6	5	6	6	7	9	11	11	12	13	13	13	12	10	8	8	9	6	6	6	5	6	6	7	7	7	7	8	8	9			
	9	9	8	7	8	7	6	7	8	9	10	12	12	13	14	15	14	13	11	10	9	10	8	7	6	6	7	8	7	7	7	7	8	8	9			
	S	SSW	SSW	SSW	SSW	SSW	SW	SSW	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SW	W	WSW	SW	S	SSE	S	SSE	SE	ESE	ESE	SE	ESE					
51/52	8	8	7	6	7	6	5	6	6	7	9	10	11	11	12	13	12	11	10	8	8	8	6	6	5	5	6	6	7	6	7	6	7	8	8			
	9	9	8	7	7	7	6	7	8	9	10	11	12	13	14	14	13	12	11	9	9	10	7	7	6	5	6	7	7	7	7	7	7	8	9			
	S	SSW	SSW	SSW	SSW	SW	SSW	SSW	S	SSE	SSE	SSE	SSE	S	S	S	S	S	S	SSW	SW	W	W	WSW	S	SSE	S	SSW	SSE	SE	SE	E	SE	SE				
37/38	8	7	7	6	6	7	6	7	7	8	9	9	10	11	11	12	11	10	9	8	7	7	6	6	4	4	4	6	6	6	6	7	7	8	8			
	9	8	8	7	7	7	7	8	8	9	10	10	11	12	13	13	12	11	10	9	8	8	7	6	5	5	6	6	7	6	7	7	7	8	8			
	S	SSW	SSW	SSW	SSW	SW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	S	SSW	SW	WSW	W	W	W	S	SSE	S	SSW	SSE	SE	SE	ESE	SE				
25/26	7	7	6	6	6	7	7	7	7	8	8	9	9	10	10	10	10	8	8	7	6	6	6	6	4	5	4	5	6	6	7	7	8	8				
	8	8	7	7	7	8	8	8	8	9	9	10	10	10	11	11	11	10	10	9	8	8	7	6	5	5	5	6	6	7	6	7	7	7	8	8		
	S	SSW	SSW	SSW	SSW	SW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SW	WSW	W	W	S	SSE	S	SSE	SE	SE	ESE	ESE	SE				
11/12	7	7	7	6	7	7	7	7	7	8	8	8	9	9	10	10	9	8	8	7	6	6	6	5	5	5	5	6	6	6	6	7	7	8	8			
	9	8	8	7	8	8	8	8	8	9	9	9	10	10	11	11	11	10	10	9	8	8	7	6	5	5	6	6	7	6	7	7	7	8	8			
	S	SSW	SSW	SSW	SSW	SW	SSW	SSW	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	WSW	W	W	SSW	S	SSE	S	SSE	SE	SE	SE	SE	SE				
1 & 2 Bravo	9	9	8	8	8	8	7	8	7	7	7	8	8	9	10	11	11	10	10	9	8	7	8	6	5	5	6	6	7	7	7	7	7	8	8			
	9	9	9	8	9	9	8	8	8	8	8	9	9	10	11	11	12	11	10	9	9	9	9	7	6	6	6	7	7	7	7	7	7	8	8			
	S	SSW	SSW	SSW	SSW	SW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	WSW	W	WSW	SW	S	SSE	S	S	S	S	SSE	SE				

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Forecast Discussion

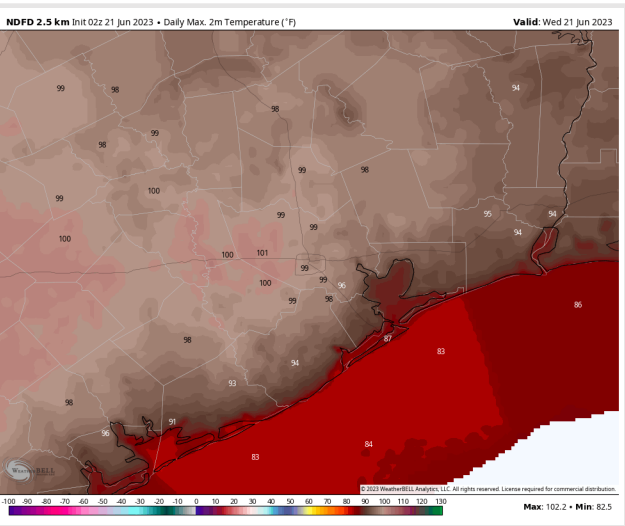
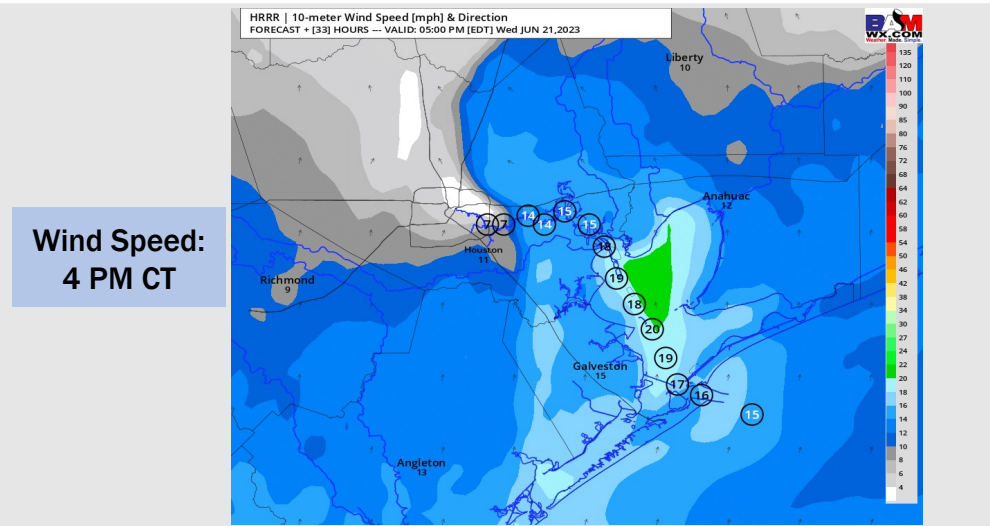
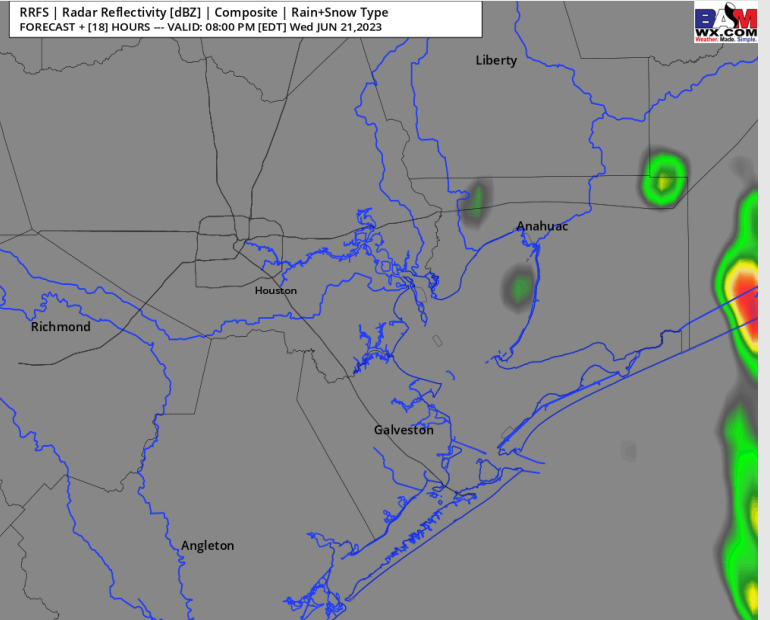
Precip: Currently expecting most of the daytime hours to be dry, however there is a risk (20%) of a few isolated showers/thunderstorms in the evening hours (post 6 PM).

Wind: Winds will out of the S/SW throughout the day today. Winds N of Morgan's Point will be 3-8 kts before gradually increasing to 8-13 kts by 5 PM and remaining that way for the rest of the day. Winds S of Morgan's Point will be 8-13 kts before gradually increasing to 13-18 kts by 2 PM and remaining that way for the rest of the day. **Gusts of 20-25 kts will be possible at the boarding station after 5 PM. Any thunderstorms that verify could produce locally higher gusts of 25+ knots, but low confidence on this as coverage of precip is likely isolated.**

Temps: High temperatures today will be in the mid/upper 80s F at the Boarding Station, low to mid 90s F for stations S of Morgan's Point and upper 90s to near 100 F for stations N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 8 PM CT



Houston Pilots: Thur. 6/22/2023



Forecast Discussion

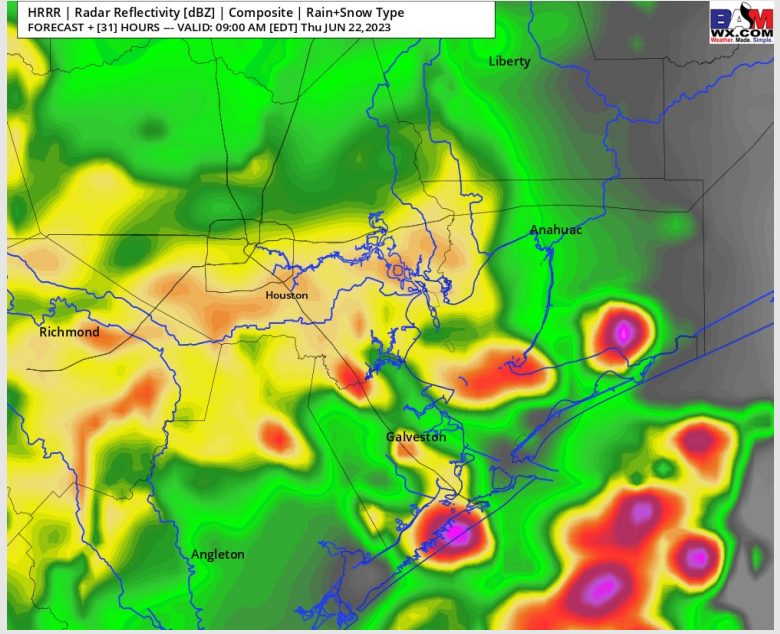
Precip: Confidence on exact timing ~24 hours is lower than normal, but we are watching for a strong storm risk working in during the AM hours Thursday. The best risk likely comes right around sunrise, however there are a few pieces of data that brings this in as early as 1-2 AM. This pocket of precip can bring severe storms with wind gusts as the main risk. Once this precip moves out, the rest of Thursday is quieter (watching 20% PM pop up risk).

Wind: Favoring winds to be out of the S/SW Thursday. Winds N of Morgan's Point will be 2-8 kts early Thursday before briefly increasing to 8-13 kts from 3-5 AM. **When this cluster of storms moves through winds will come from the NW. A few stronger wind gusts of 30-40+ kts will be possible with the strongest cells early Thursday morning.** Once precip passes, winds will be from the S at 10-15 knots at the boarding station with occasional gusts to 15-20 knots.

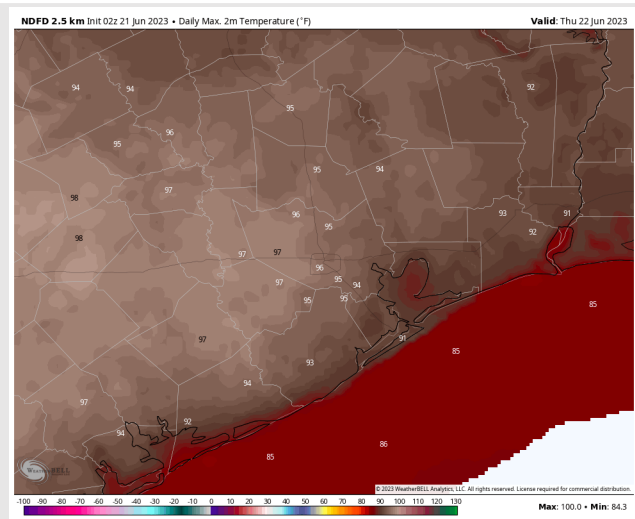
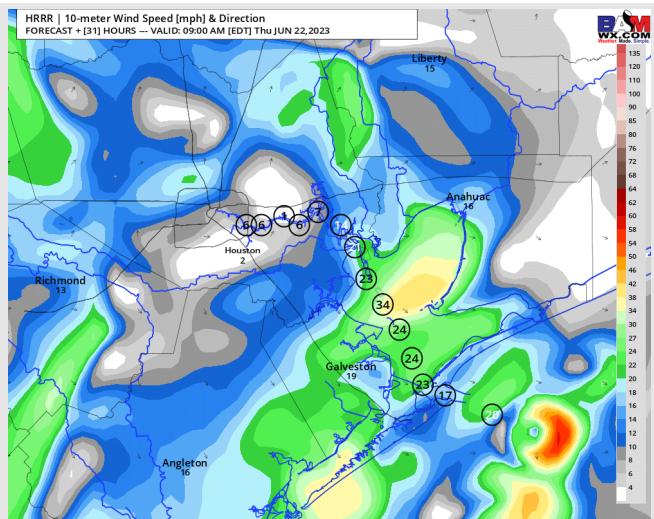
Temps: High temperatures Thursday will be in the mid to upper 80s F near the Boarding Station, in the low 90s F for all other stations S of Morgan's Point, and in the mid 90s F for stations N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 8 AM CT



Wind Speed:
8 AM CT



High Temps
Thursday

Houston Pilots: Fri. 6/23/2023



Forecast Discussion

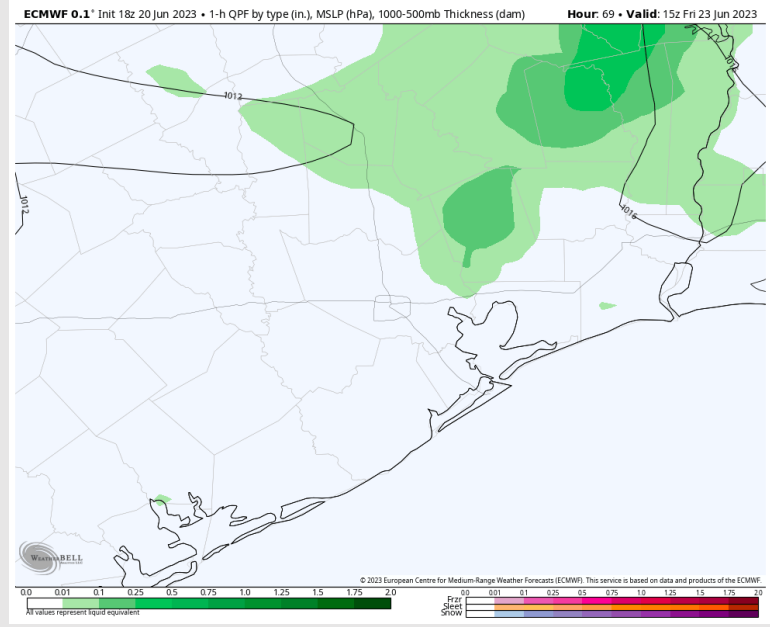
Precip: Favoring dry conditions across all stations through 6 AM Friday, then after 6 AM, favoring a 10-30% chance for a few scattered hit/miss showers to be possible through around 2 PM. After 2 PM, favoring dry conditions to move in for the rest of the day. **Favoring the better shower/thunderstorm coverage Friday to be just E of the stations.**

Wind: Favoring winds to be out of the S/SE throughout the day Friday. Winds N of Morgan's Point will be 3-8 kts through 12 PM. After 12 PM, favoring winds N of Morgan's Point to pick up to 8-13 kts for the rest of the day. Winds S of Morgan's Point will be 9-14 kts throughout the majority of the day, aside for the 10 AM to 12 PM timeframe where winds will decrease to 6-11 kts.

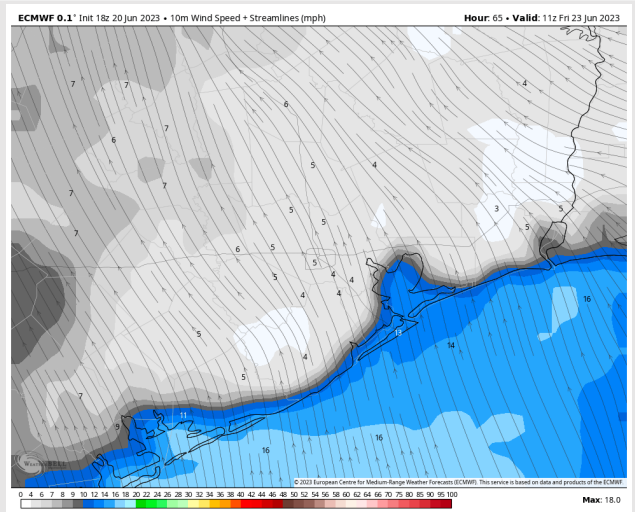
Temps: High temperatures Friday will be in the mid to upper 80s F near the Boarding Station, in the low 90s F for all other stations S of Morgan's Point, and in the mid 90s F for stations N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

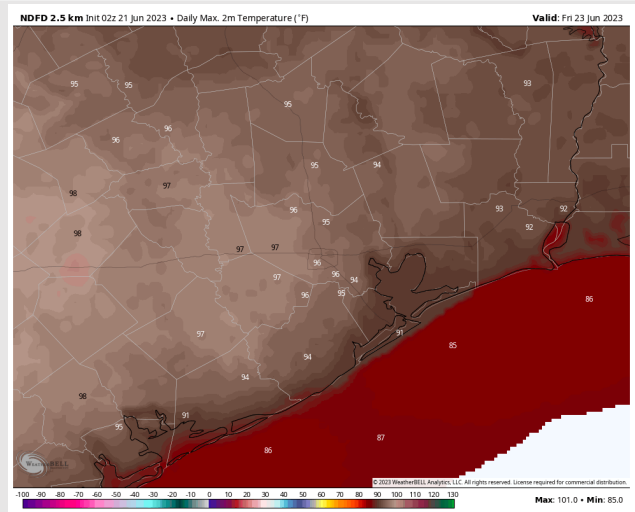
Precip Image: 10 AM CT



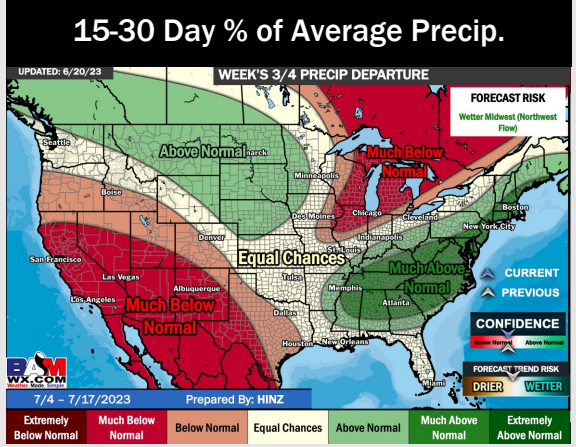
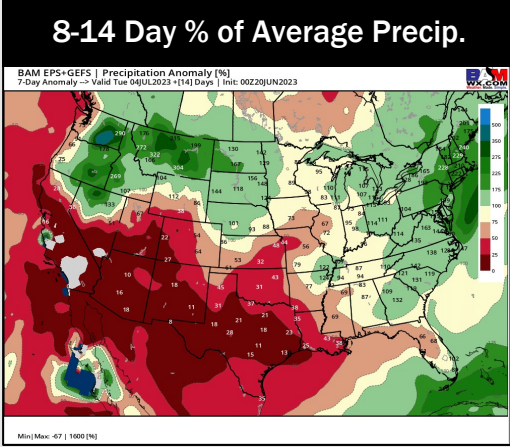
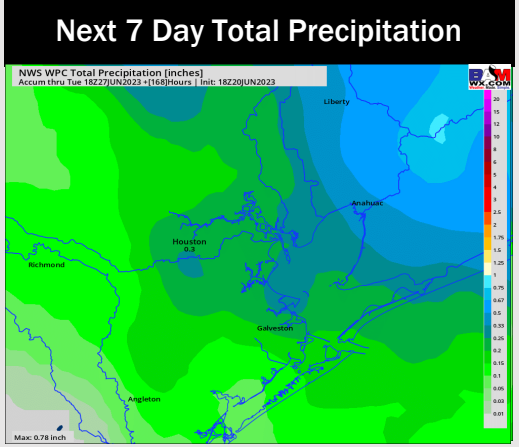
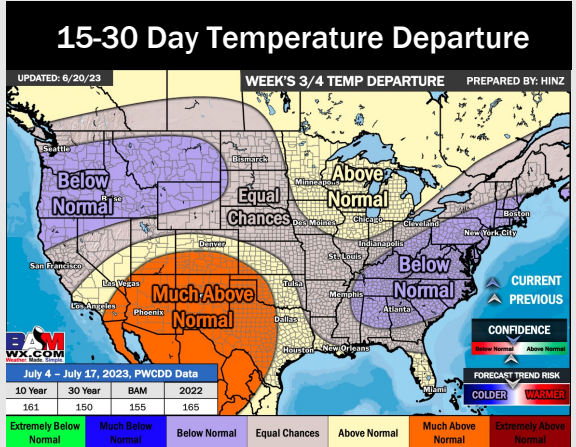
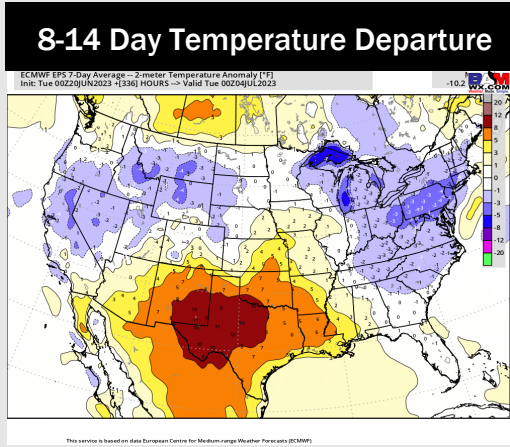
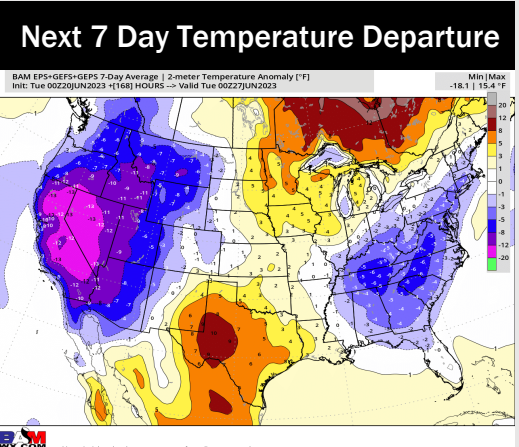
Wind Speed:
6 AM CT



High Temps
Friday



Houston Pilots: 6/21/23



- Above normal temperatures are favored over the next week with below average precipitation chances.
- Expecting much below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Above normal temperatures and below to near normal chances for precipitation are favored in the weeks 3/4 timeframe.